Center of Expertise For Historic Preservation Seattle District

HURRICANE KATRINA

STATE OF EMERGENCY

Explanation of the Blue Roof Program

To Cover Traditional Roof Materials

New Orleans Housing

Old Creole Cottage Structure

New Orleans Housing Facts

2000 Census there are Approx. 215,000 housing units built before 1949 = 92,000.

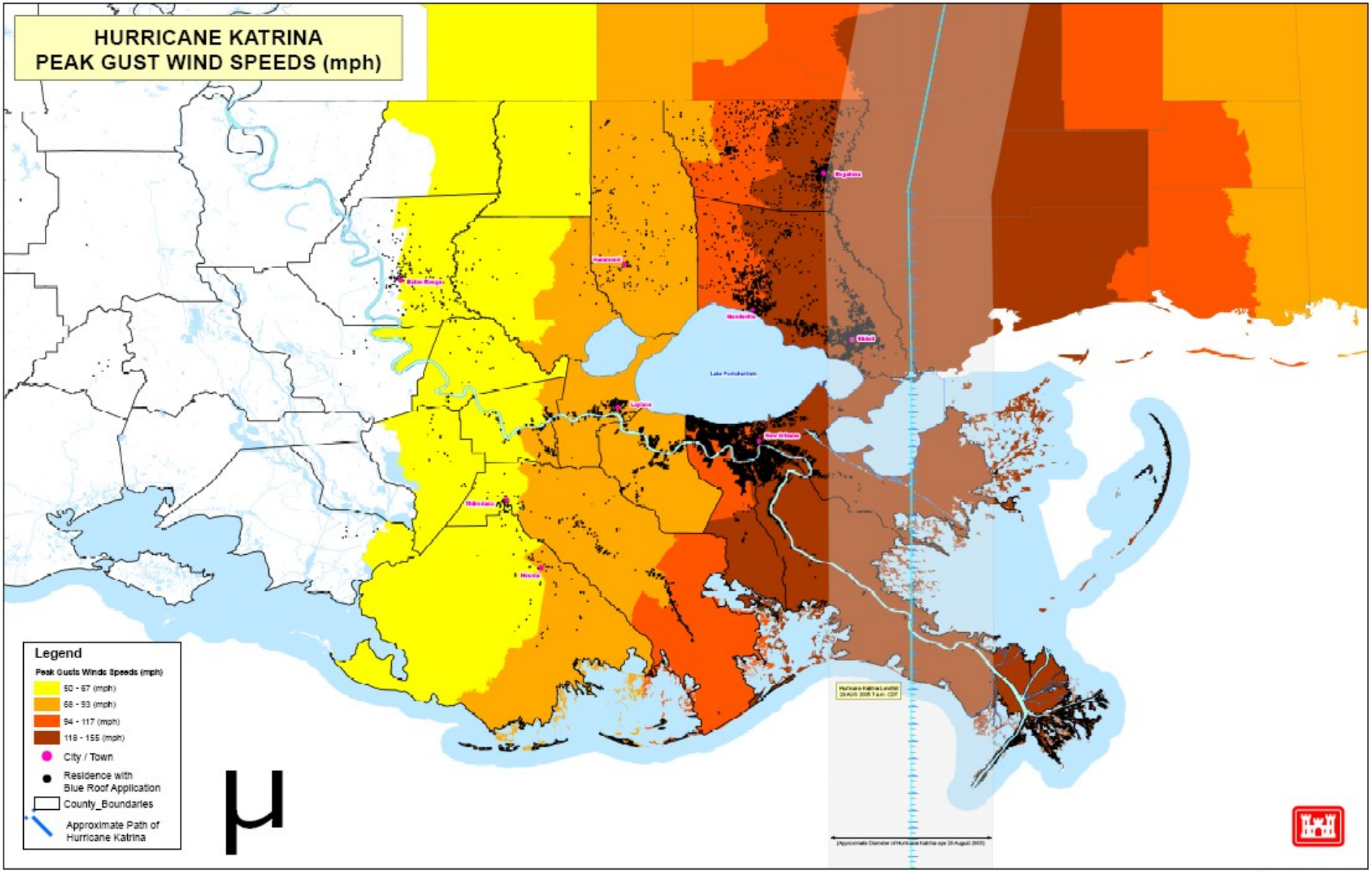
3 out of 8 structures

Have non-qualifying roofs (slate, clay tile & asbestos shingle = 34,000.

New Orleans Housing Facts

On Average the program would have to provide service for about 10-30% of the non-qualifying roofs =3,400 -10,000 structures.

Hurricane Katrina



Blue Roof Program

The FEMA Blue Roof Program

The Blue Roof Program is provided by FEMA through the U.S. Army Corps of Engineers in all counties that have been declared by FEMA for the Individual Assistance program.

Blue Roof Program

To Qualify For Services:

- Homeowner much have a soft roof.
- The roof must be less than 50 percent damage and the area to be covered must be structurally sound.
- The homeowners must complete a right of entry form to allow the government and contractor on their property.
- The plastic covering and the tarps are temporary fixes designed to provide protection from the

First Meeting with

Holy Cross neighborhood, Lower Ninth Ward – New Orleans

Goals

The new technique would provide temporary roofs for low to moderate income historic property owners.

Also To Include:

- Easy to install.
- Availability of materials.
- Ability to withstand winds.
- Worker safety.

Operation Blue Roof

FEMA Supplying Necessary Materials to Support Field Trial:

A Look At The Parts

Materials List

- Blue Tarps
- 1x4 wood strip
- Screws & Nails
- Nylon Rope
- Eye Hooks

Volunteer Organizations

Two Volunteer Organizations were establish to serve the

New Orleans neighborhoods.

Team Tarps	and	Roof Aid
Holy Cross Neighborhoods		Other Historic Neighborhoods

Safety First

Compliance with OSHA and being cautious sets the standard for future work.

Forestall Street Trial

Forestall Street Trial

Nailing tarps under eaves to prevent ripping.

Forestall Street Trial

Forestall Street Trial

Do It Yourself By Homeowners

With limited insurance and emotionally exhausted, a homeowner decks over an existing damaged roof.

Public Workshop –Dec 17, 2005

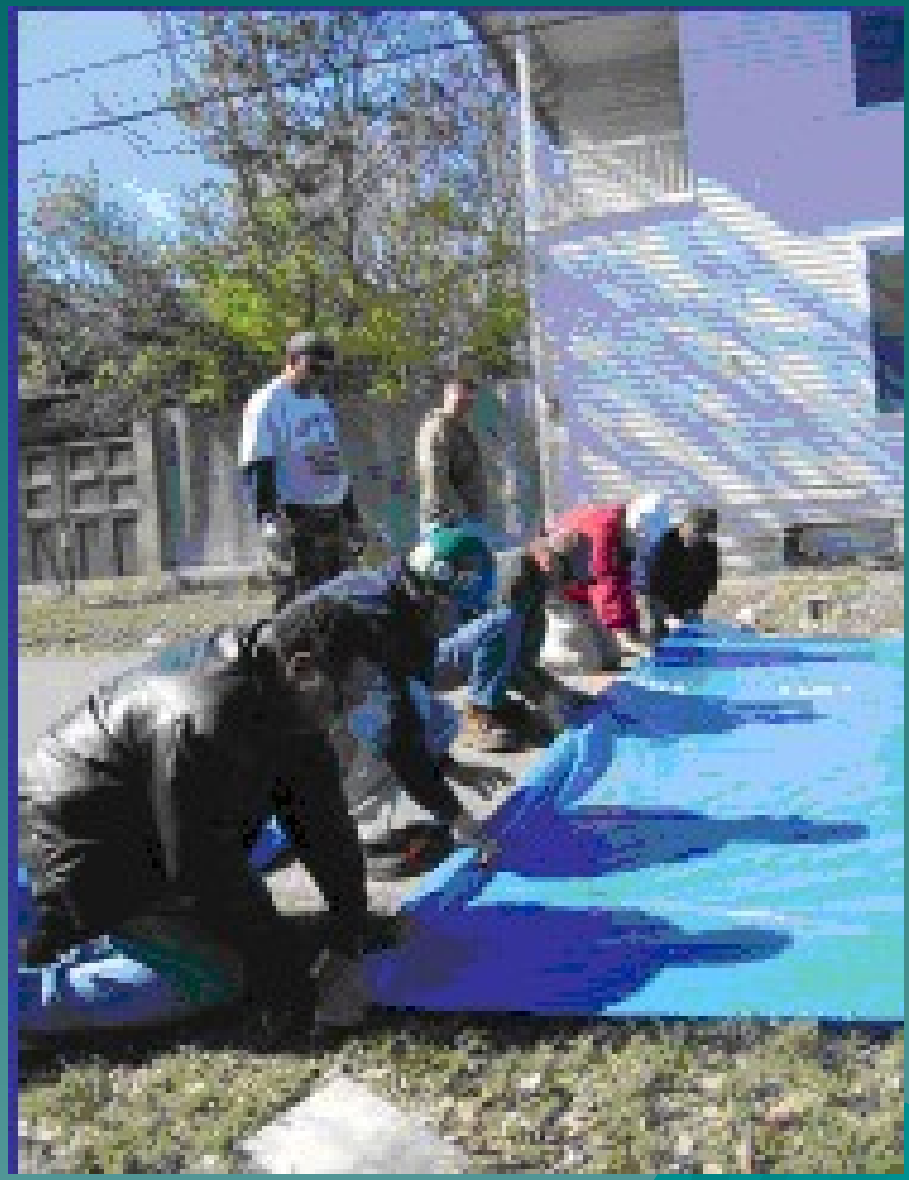
Preservation Resource Center- New Orleans

Public Workshop –Dec 17, 2005

Joseph Swiniarski, COE Action Officer & Alice-Anne Krishnan, Coordinator

Technique:

Wrapping and nailing 1x4s to blue tarp on the ground to speed up process.



Burgundy Street

Technique: Secure Temporary roof tightly to structure with a combination of 1x4s, nails and ropes.

Burgundy Street

Ropes & Fisherman's Knots Secure Tarp From Winds Uplift

Burgundy Street

Over 135 Structure Torn d

Americorps Crews Put

Summary

- Over 135 Structures Tarped.
- Provide property owners time to review options for repair and insurance claims.
- Create a more stable interior environment to air out structure.
- Reduce the future cost of repair and restoration.
- Easy to install by contractors and volunteer organizations

Team Work in

Horace H. Foxall, Jr

Phone: 206-764-4482 or 1-800-265-9309

Fax: 206-764-6518

E-Mail:Horace.H.Foxall.Jr@usace.army.mil

Center of Expertise for Preservation of Structures and Buildings

Seattle District, Corps of Engineers

P.O. Box 3755

Seattle, Washington 98124